

公制螺栓（粗牙）最小拉力载荷

螺纹规格 d	螺纹应力截面积 A_s mm ²	不同性能等级的最小拉力载荷 ($A_s \times \sigma_{bmin}$) , N									
		3.6	4.6	4.8	5.6	5.8	6.8	8.8	9.8	10.9	12.9
M3	5.03	1660	2010	2110	2510	2620	3020	4020	4530	5230	6140
M3.5	6.78	2240	2710	2850	3390	3530	4070	5420	6100	7050	8270
M4	8.78	2900	3510	3690	4390	4570	5270	7020	7900	9130	10700
M5	14.2	4690	5680	5960	7100	7380	8520	11350	12800	14800	17300
M6	20.1	6630	8040	8440	10000	10400	12100	16100	18100	20900	24500
M7	28.9	9540	11600	12100	14400	15000	17300	23100	26000	30100	35300
M8	36.6	12100	14600	15400	18300	19000	22000	29200	32900	38100	44600
M10	58	19100	23200	24400	29000	30200	34800	46400	52200	60300	70800
M12	84.3	27800	33700	35400	42200	43800	50600	67400	75900	87700	103000
M14	115	38000	46000	48300	57500	59800	69000	92000	104000	120000	140000
M16	157	51800	62800	65900	78500	81600	94000	125000	141000	163000	192000
M18	192	63400	76800	80600	96000	99800	115000	159000	—	200000	234000
M20	245	80800	98000	103000	122000	127000	147000	203000	—	255000	299000
M22	303	100000	121000	127000	152000	158000	182000	252000	—	315000	370000
M24	353	116000	141000	148000	176000	184000	212000	293000	—	367000	431000
M27	459	152000	184000	193000	230000	239000	275000	381000	—	477000	560000
M30	561	185000	224000	236000	280000	292000	337000	466000	—	583000	684000
M33	694	229000	278000	292000	347000	361000	416000	576000	—	722000	847000
M36	817	270000	327000	343000	408000	425000	490000	678000	—	850000	997000
M39	976	322000	390000	410000	488000	508000	586000	810000	—	1020000	1200000

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		3.6	4.6	4.8	5.6	5.8	6.8	8.8	9.8	10.9	12.9
M8×1	39.2	12900	15700	16500	19600	20400	23500	31360	35300	40800	47800
M10×1	64.5	21300	25800	27100	32300	33500	38700	51600	58100	67100	78700
M10×1.25	61.2	20200	24500	25700	30600	31800	36700	49000	55100	63600	74700
M12×1.25	92.1	30400	36800	38700	46100	47900	55300	73700	82900	95800	112400
M12×1.5	88.1	29100	35200	37000	44100	45800	52900	70500	79300	91600	107500
M14×1.5	125	41200	50000	52500	62500	65000	75000	100000	112000	130000	152000
M16×1.5	167	55100	66800	70100	83500	86800	100000	134000	150000	174000	204000
M18×1.5	216	71300	86400	90700	108000	112000	130000	179000	—	225000	264000
M20×1.5	272	89800	109000	114000	136000	141000	163000	226000	—	283000	332000
M22×1.5	333	110000	133000	140000	166000	173000	200000	276000	—	346000	406000
M24×2	384	127000	154000	161000	192000	200000	230000	319000	—	399000	469000
M27×2	496	164000	198000	208000	248000	258000	298000	412000	—	516000	605000
M30×2	621	205000	248000	261000	310000	323000	373000	515000	—	646000	758000
M33×2	761	251000	304000	320000	380000	396000	457000	632000	—	791000	928000
M36×3	865	285000	346000	363000	432000	450000	519000	718000	—	900000	1055000
M39×3	1030	340000	412000	433000	515000	536000	618000	855000	—	1070000	1260000